000 [42 cont.]
622 the mother's kin group. One of the tasks of the village chief is
372 the guarding of the socha fire. Socha means pure or sacred or taboo.
778 Foods that are prohibited for certain age groups or for one sex are
[263] "socha" for these persons. The word "socha" seems to me to be a
784 very ancient one, or else it is a loan word from another language.
Every place has at least two fires: the ordinary one, which is
166 available to everyone, and the socha fire for men only. When the
373 village moves to another place, the family head takes the socha
[596] fire along. During the march veldkost is gathered. Once they
262 have arrived at the new place, the family head starts a new socha
264 fire under a tall tree and roasts the veldkost. The boys leave im-
621 mediately and go hunting, while the women and girls set up the
[462] windscreen. Whatever the old man has roasted at the socha fire
he is supposed to eat by himself; ordinarily this is what he does.
Finally a messenger arrives and announces that a head of large
game has been killed. Hours pass; the old man simply remains
seated there, while the women and children make themselves
comfortable in the new windscreen. [Fig. 15 appears here.] The
game is brought to the socha fire, and the meat from the legs and
[262] shoulder blade is cut off and given to the women and children,
who are never allowed to eat meat from the bone. All the rest is
[622] consumed by the men at the socha fire. The village chief also has
the task of organizing the celebration for the first veld fruits. The
hordes that I visited no longer practice this custom. Vedder has
described it for the !Kung of Gaub.

178 When Lieutenant Fischer rode from Namutoni to the
622 Okovanggo in 1908, the Bushmen everywhere still had a tight
organization and a common leader. When Captain François went
beyond Grootfontein for the first time, he was given considerable
support by the chief of the !Kung Bushmen. It is worthy of note
that the famed copper mines of Tsumeb, on which the welfare of
Southwest Africa depends to a great extent, were discovered by a
Bushman chief (2). Since then the eastern !Kung have not had a

2. He himself was a half-breed.

chief. The northern !Kung supposedly still have one. The oldest
chief I heard of was "χ'amme," the lion. He was a great huntsman.

622 At the head of each group is a big man or chief. Though usually considered to be a chief in name only and without any authority over the members of the group, he in fact does exercise considerable influence in the life of the community because in him are vested certain functions, the performance of which are of vital importance to the welfare of his people. [423] The family area with its food and water supply, as well as the fire, are all looked upon as belonging to him. Among the tribes of the Kalahari he is succeeded by a son or, failing such, 621 by the nearest male relative.) Among the *Hei-//om*, on the [582 other hand, the eldest sister's eldest son succeeds to the 59] chieftainship. Marriage in the group being exogamous and patrilocal, the rest of the group consists of male relatives of the chief with their wives and families. The whole group lives in a common werft or encampment which is laid out 361 on a definite plan. The huts of the married families are placed about 15 to 20 feet apart and arranged in the form of an irregular circle 60 to 80 yards in diameter. Among the [184 *Hei-//om* the hut of the chief is always placed in the east, facing, but at some distance away from, the others. In the Kalahari it may occupy any part of the circle. At or near the middle of the werft is situated a large tree which is reserved as the meeting place for the men and for ceremonial [562 and other purposes. Among some tribes women are entirely forbidden to approach it or to join the men when gathered underneath it. Within the circle adolescent young girls and [882 boys are accommodated in separate huts some distance away 342] from each other. Among the more primitive groups the boys are not provided with a hut, but sleep under the tree in the centre. Mature nubile young women either remain in the young girls' hut or occupy huts next to those of their parents, but inside the circle. Old widows and widowers, as also [589 visitors, live outside the circle of the married people. The dancing place is situated within the circle.

184 Huts vary considerably in size and shape among the various 342 tribes. In its most primitive form the hut is four to five feet in height and of very simple design, consisting merely of a semi-circular shelter of branches planted into the ground and covered with grass. Hut-making is the work of women, and a [462 husband does not interfere with his wife's building operations.

166 When it becomes necessary to desert an old camp and establish 342 a new one the site for the latter is selected by the chief, who [622 deposits his household and other effects on the place on which his own hut is to be erected. After the other members have done likewise he proceeds to light a new fire by means of firesticks. Brands from the fire of the old werft may not be used for this purpose. From the fire kindled by him each family then lights its own, after which the women may begin with the building of the huts.

361 In each group area the permanent encampment is situated [312 in the vicinity of the main water supply. When the area is of considerable extent the group, however, moves about from one place to another according to the season and the

9: Thomas T-5 (1951-1955)1959
FX10 Bushmen FX10
GiKwe

CHAPTER FOUR

The Fire

AFTER a long talk with Gai and Ukwane we found that, because of a shortage of melons and roots, they did not like to live at the place where we found them, which was called Gu Nu, and they were planning to move. We asked them if they would mind our coming with them when they did move, and they, with great aplomb, showing no surprise at what must have seemed a strange request, said politely that they would not mind at all. We had good relations with them by that time and had already been living near them for several days.

As we would be asking them to spend time talking with us, we agreed to give them food, water, and firewood to make up for what they might gather if we were not taking their time, as well as salt and tobacco to make their hearts glad. It seemed to be a good arrangement, and they were as pleased as we.

Soon after that, when Ukwane had decided where to go, we packed up our camp, they packed up theirs, and we put everything on the trucks and drove away. The Bushmen all rode with us except the two oldest women, Kutera and Dasina, who said they were too tired to ride and preferred to walk. They did, too, taking with them all their possessions as

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HAPPY LIFE of children includes such moments as these: a laughing game of "pull-away," above.

423 bodies—from day to day. If the water-
312 holes were not shared, some bands would be without permanent water.

Not all !Kung territories are of
621 equal value in terms of food and
● 166 water. Some people have *mangetti*
361 nuts, some have *tsi*, and some have both. There is mild wealth, and gentle poverty in *Nyae Nyae*. Territories also change in value year by year. The rains may fail in some parts of *Nyae Nyae*, and fall in others. In normal years, *mangetti*'s in the north may become available earlier in the season than those of the western forests. Because of the flexibility of band composition, the bands gathering *mangetti*'s in such a favored area are enlarged by people who would otherwise have to wait.

This is usually a temporary situation, the newcomers having more the status of guests than members of the bands. Often, whole bands—headman and all—will visit kin in this manner. During years of dessication, the fact that a person has several choices of bands in which to live becomes vital to him—he can move from a hopeless place to perhaps a better one.

By such means, balance works out between the desert's resources and the numbers and distribution of !Kung who exploit them. No one district or *mangetti* forest could support more than a limited number of people. Only certain people possess the necessary kinship qualifications to join a band. The flexibility of their

[p. 87]

11:Marshall E-5 (1950-1955) 1958
FX10 Bushmen FX10
Kung

621 composition enables bands to swell during lean years, while the concept
361 of association, through a headman, to a district and a territory provides
166 for the distribution of people throughout the barren land.

If a band were confined strictly to one territory, or could use the resources of another territory only over the bodies of the band that lived there, there would be many less *Nyae Nyae* !Kung—perhaps none at all.

823 The !Kung give various reasons for their preference of the territory they consider home. For some, it is where they were born. For others, it is where they spent their youth. And for some, it is where they are waiting in their old age. Hunters say they must know their territories—every pan and stretch of bush, every unusual tree—and they say that to amass such knowledge takes years. An old man we met while he was visiting for a few days from the west, said that the weather was more gentle in Debera, the place where he lived, and that, moreover, "there are no stones in Debera ground."

Early one autumn morning, blue and sweet, when dawn air was still fragile on our faces, a close !Kung friend stood beside me in /Gautcha Territory, looking across a pan that still smiled with water despite the late season. It was the pan where he had come, as a young man, to live with his bride. We were quiet, waiting for the rising sun. "/Gautcha is beautiful," he said.

[p. 88]

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On the Move A Bushman hangs his possessions on a carrying stick and thrusts his assegai under the stick in back to distribute the weight onto both shoulders.

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462 When the people go to gather mangettis or *tsī*, the men always accompany the women and help to gather and to carry the heavy loads—as much as they possibly can—back to the water hole.

Though the men help, especially with *tsī* and mangettis, gathering and digging are the work of women and the work that takes up the greater portion of their energy and time throughout their lives. Their digging implement is a sharpened, unweighted stick about three feet long. When we were living with the Gautscha bands at the Gautscha water hole in the dry season, the women went to gather every day or every second or third day, depending on the distance and on how much food they could carry back. They would plan which patch or fertile area to go to and start out in small groups, some to one place, some to another. They would walk five or ten or fifteen miles to their destination and then pick berries or dig roots, which may lie two feet or more under the ground, until the mid-afternoon, and then start back to the werf (campsite) at the water hole. They carry their infants tied to them, small children on their shoulders, and the loads of veldkos in the bulges of their karosses (skin capes). When they near the werf, they pick up two or three logs for the night fires.

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The veldkos that each woman gathers belongs to her and with it she feeds her own family, sharing with whatever relative or friend she wishes. Custom does not require her to share it in a systematic way with others as meat must be shared. She cooks her veldkos in the coals and hot ashes, pounds fibrous roots and hard berries in her mortar, and serves the food to her family as a family meal, usually in the evening. During the day, however, people may cook and eat little snacks at odd times.

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731 Although there are numerous kinds of veldkos, we must not give the impression that there is a great abundance. In fact, the opposite is true. Food is scarce all over the arid Kalahari, where drought is the scourge on all—the cattle raisers, the dry farmers, and the gatherers of the wild foods.

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166
582 There has been much intermarriage in the Nyae Nyae region. Families therefore may have close relatives—with whom they have the right to live—

15: Marshall E-5 (1951-1961) 1965
FX10 Bushmen FX10
!Kung

in several different bands, and they may choose among them. A band that owned comparatively good resources would tend to attract more members than a band with scant veldkos. This flexibility of residence pattern is one of the reasons that one finds the bands of the interior of the Nyae Nyae region relatively in balance with their resources, and varying in size.

WATER • Two or more bands may share the ownership of a water hole. Water holes keep their own rough population balance because, if water is very scarce, people will go to live elsewhere when they have the possibility of doing so.

In the interior of this region, in roughly 8000 square miles, there are three water holes that can be called really permanent. In the driest years these do not fail. Four others dry up only in years of severe drought. Six more are semipermanent: in a very good year they may yield a little water right through, but in a dry year they are sure to dry up. When the semipermanent water holes go dry, the bands who own them may break up temporarily and the families may go to live with relatives who are at permanent water holes, or they may go as whole bands to another water hole where they have relatives.

Water is not owned as exclusively or as jealously as veldkos. Water seems to belong more to mankind, as the animals do, and the ownership of water holes emphasizes more the managing than the withholding of the water. The headman controls the water. His permission should be asked by travelers or visitors before taking water, "because he knows what he has and what can be done," we were told. We saw small temporary water holes marked with bundles of grass thrust into forked sticks. This was to tell visitors or travelers that the owners of the water hole were in residence, as it were, and were counting on the water. We believe that in these circumstances water would not be taken without permission. Occasions are not likely to arise where permission need be refused. The !Kung know where the others are, or are likely to be, at a given time and know how much water is available. They plan better than to get themselves into desperate situations.

One source of water appears to be owned by individuals. It is the rainwater that collects in hollow mangetti trees. The water in trees is not stolen by others who go to gather in the same mangetti forest. Water, incidentally, is the only beverage of the !Kung in the interior of the region. They have no alcoholic drinks and use no infusions of herbs.

HUNTING AND MEAT SHARING • !Kung hunting regulations do not confine the hunters to territories. The game animals belong to no one until they are shot, and the hunters may follow them anywhere the spoor leads and may cross the territorial boundaries of any band. If hunters have made a kill in the territory of a neighboring band, they would not fail to give a present of

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563 The waterholes and their respective Bushman and Bantu populations are listed in Table 2.

!Kung group structure

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• 166 The definition of the !Kung living arrangements presented the most difficult problem of the field study. The !Kung were found to be living most frequently in camps that numbered from ten to thirty individuals. But the composition of these camps changed from month to month and from day to day.

The task of defining the stable membership units was complicated by the following factors:

1. the frequent shifts of individuals and families from one camp to another,
[574] 2. the high incidence of visiting between camps,
3. the presence of long-term visitors from outside the Dobe area,
4. the Dobe area residents who were living elsewhere on extended visits, and
[563] 5. the intermarriage and co-residence of Bushmen with Bantu.

These complications are in addition to the routine changes in group structure brought about by births, deaths, post-marital residence, and the seasonal subsistence cycle.

It became evident that flexibility is the basic premise [121] of !Kung group structure. It would therefore be inappropriate to try to impose a formal model of organization on the data,

[TEXT CONTINUED ON PAGE 44]

621
166 such as the patrilineal band or composite band models current
121 in the literature (Steward 1955, Sahlins 1959, Service 1962).

121 An account of the situation at one waterhole will serve
621
312 to illustrate some of the dynamic processes at work in !Kung
621 group structure. At Dobe in October, 1963, there were two
312 camps, one with 28 members, the other with ten members. In
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162 December, 18 members of the larger camp left on an extended
161 visit to Tsumkwe and the remaining ten people made a joint camp with the smaller group to form a camp of twenty people. In January, 1964, these two segments split up and abandoned Dobe altogether. The waterhole remained unoccupied until May, 1964, when the two segments recombined and were joined by 22 other people, who came in from five other camps. This group of 42 people wintered at Dobe in one camp. Then, in August the camp split up into a camp of twelve and a camp of 24. Six of the 22 people who had wintered at Dobe returned to other camps while 16 of these people remained at Dobe. The two Dobe camps (of twelve and 24) remained approximately stable for the remainder of the study (i.e. until January, 1965).

621 Thus at different times of the year the population of
312 Dobe was counted as follows:
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October 1963	38 people in 2 camps
December 1963	20 people in 1 camp
Jan.-April 1964	nil.
May 1964	42 people in 1 camp
Aug. 1964 to Jan. 1965	36 people in 2 camps

621
312 an old man and his sister. When the two Dobe groups divided,
16 the old man and his two married children went one way and the old woman and her three sons went the other.

The remaining two bands were living outside of the Dobe area at the time of the census. One of them was the band of 13 from !goše that had gone to Nokaneng. The other was a group of 19 individuals who came from South West Africa to spend the summer of 1963-64 in the Dobe area and had returned to Tsumkwe in May, 1964.

621 These brief notes indicate the extent to which bands
312 coalesce and split, change waterholes and move in and out of
166 the Dobe area. It does not take into account the corresponding
621 shifts made by individuals and families. In light of the above it is doubtful whether the use of the term "band" is legitimate in the context of Bushman group dynamics. The "band" may turn out to be an artifact of the observer's sampling technique and his theoretical preconceptions (see Chapter VII). Among the !Kung, for example, it appears that the cohesive social units are the extended families that make up the larger aggregations that have been called bands. This does not imply that the !Kung have what Steward (1955) called a "family level of organization" since the !Kung consistently live in aggregations of two to ten or more families. Until a complete analysis of the data is carried out, it would

2: Schapera E-4, 5 (no date) 1930
FX13 Hottentot
Bushmen FX10

are the serfs of the interdwelling Bantu, and the conditions under which they live do not, therefore, permit of their association in large groups.

In the tribes to the north-west who still retain to some extent their own mode of life and organization the communities are on the whole somewhat larger, although the numbers fluctuate a good deal. In the Kaukauveld Passarge frequently saw bands of up to thirty persons, and in the Mahuraveld of between twenty and twenty-five persons.[1] Among the Naron, again, Miss Bleek speaks of a camp containing from sixty to eighty persons,[2] while among the Auen, according to Kaufmann, up to thirty families, i.e. about one hundred persons, may be found camping together.[3] Both writers agree, however, in stating that the numbers may at times be considerably less. Müller visited eight camps of Bushmen in the Kaukauveld, and the figures given by him show that in six of them the population ranged between thirty and seventy, while the remaining two had one hundred and fifty and two hundred inhabitants respectively.[4] Seiner, again, states that the bands of the Kung average fifty persons, although he mentions two encampments in the vicinity of Karakuwisa which were considerably larger[5]; while among the Tannekwe he found five encampments of Bugakwe, whose population he estimates altogether as two hundred and twenty, eight of Garikwe containing all told about four hundred and thirty persons, and one of Gokwe with ninety.[6]

Not too much weight can be laid on the actual figures given, as for the most part they are based on what are obviously rough estimates, not accurate observations. There seems little doubt, however, that among the North-Western tribes the bands are on the whole more considerable than in any of the other tribes, and the average given by von François[7] of between fifty to sixty persons to a band may be taken as fairly representative, although as we have seen the numbers fluctuate a good deal.

Part of the difficulty in obtaining accurate information about the size of the band lies in the fact that the families composing it are not always found living together in one encampment. Within the

[1] *Die Buschmänner*, 9, 10. [2] *The Naron*, 4. [3] "Die Auin," 136.
[4] "Erkundungsritt in das Kaukauveld," 530. The actual figures are: 150, 40, 70, 70, 200, 30, 30, and 30.
[5] "Bereisung der Omaheke," 303, 302.
[6] "Bereisung des Gebietes zwischen Okawango und Sambesi," 104.
[7] *Nama und Damara*, 234.

2: Schapera E-4, 5 (no date)1930
FX13 Hottentot
Bushmen FX10

166 361 621 territory occupied by the band its members roam about freely in search of food, and family groups often separate from the main body to wander about on their own account for a while. Of the Naron, for example, Miss Bleek writes that she has "sometimes seen three or four huts together, sometimes twenty, with from sixty to eighty inhabitants. Every few weeks a new hut appears, or a vacant space shows where one has gone"; and she adds that as the village is such a fluctuating quantity it is difficult to estimate the numbers of a band or a tribe.[1] Indeed it seems to be a feature in the life of some of the Northern tribes that during the dry season the families in the band scatter about separately, to come together again only in the rainy [221] season, when there is an ample supply of water and "veldkos". Thus among the Auen only one or two families may be found living together in the dry season, while towards the end of and shortly after the rainy season, when the edible plants of the veld are abundant, up to thirty families may join together.[2] It is thus by no means unusual to find several small encampments of members of the same band scattered about over its hunting territory, a fact which may easily mislead casual observers with regard to its numbers.

On the other hand, it also appears that at times members of several 361 different bands may come together for a while. Passarge mentions 619 that in 1897, during an outbreak of rinderpest when cattle were 621 dying in great numbers in the Ghansiveld, Bushmen were drawn together from all parts of the vicinity by the abundance of animal food thus provided. At one spot he saw between one and two hundred of them, at another about one hundred, and these included both Auen and Naron.[3] In the Kwebe Hills, again, his camp was passed by about one hundred men returning to the Hainaveld from the sandveld. Together with their women and children this group must therefore have numbered from three to four hundred.[4] It is almost certain that these people too must have belonged to different bands and had only come together temporarily, but this is not definitely stated by Passarge. Kaufmann, again, mentions a camp of Auen at Sidonitsaub which in April, 1908, contained about four hundred men, or with women and children about one thousand persons [622] all told. That these belonged to a number of different bands was

[1] *The Naron*, 4.

[2] Kaufmann, "Die Auin," 136, 138; cf. Passarge, op. cit., 42; Vialls, "Kalahari Masarwas," 30.

[3] Op. cit., 7, 8.

[4] Op. cit., 10.

2: Schapera E-4, 5 (no date) 1930
FX13 Hottentot
Bushmen FX10

use the firesticks, but will not, and may not, light a fire with them in the werft, as firemaking is a matter of serious import and the chief is the only person who is able to bring forth from it the magic properties which bring health and happiness and ward off misfortune. The first fire kindled in a new camp is never allowed to die out."

As an illustration he cites[1] the practices existing among the Heikum of the Etosha Pan. Here, when it becomes necessary to move camp, as for example after a death has taken place, the whole community takes up all its goods and chattels, and, led by the *gei-khoib* (chief), sets off in search of a new site to be selected by the latter. Having found a suitable one he places his belongings on the spot on which his own hut is to be erected. His followers, passing on his left, take up suitable places for their huts in like manner. " The chief then proceeds to the large tree (*/heis*) in the centre and kindles a fire underneath it by means of the firedrill (*hei-doros*). Fire from the old encampment or any other source may not be used for this purpose. He next applies *tnorab* and *dabas* to the fire by scraping the roots of these plants with his knife over it and, after having done so, lights his pipe with it. This first fire or fire under the tree (*hei-/ais*) is next used by his wife (*gei-khois*) for lighting the fire in front of his hut (*/ou-/ais*). The fire is now free for use by the members of the whole group. The men may come and light their pipes from the *hei-/ais* and the women may fetch fire from the */ou-/ais* for kindling their own. Thereafter the latter may proceed with the erection of the huts. Should the *hei-/ais* go out, as sometimes happens during the absence of the *gei-khoib*, it may not be lit except by the latter himself. This he does with fire from the */ou-/ais*. The */ou-/ais* is attended to by the *gei-khois* and under normal circumstances is never allowed to die. A large log is always placed upon it before the chief and his wife will leave camp for any length of time. Should it go out during their absence and the other fires remain burning he, and only he, may kindle it with fire from the *hei-/ais* or from the other huts. In the unlikely event of all the fires having become extinguished during the absence of the inhabitants, no fires may be kindled until the return of the *gei-khoib*. If in such an eventuality he has gone far and is not expected to be home soon, his people will approach a neighbouring *gei-khoib* with whom they are on friendly terms and the latter will come and make a fire under the */heis* with the *hei-doros*. On the return of their own chief, however, all the fires will be put out and a new */ou-/ais* kindled

[1] Op. cit., 87–8; cf. *idem*, "Customs of the Hei-//om Bushmen," 52–3.